

## **PATENT COOPERATION TREATY**

PCT

## INTERNATIONAL SEARCH REPORT

**(PCT Article 18 and Rules 43 and 44)**

Applicant's or agent's file reference <b>10102-WO10</b>	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/DK2004/000669</b>	International filing date (day/month/year) <b>04/10/2004</b>	(Earliest) Priority Date (day/month/year) <b>03/10/2003</b>
Applicant		

LIFECYCLE PHARMA A/S

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/DK2004/000669

**Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)**

A method for the preparation of a pharmaceutical particulate composition for modified release of one or more therapeutically, prophylactically and/or diagnostically active substances, the method involving spraying of a composition comprising an oily material on a solid composition in order to subject the solid composition to a controlled agglomeration process, whereby individual particles are aggregated into agglomerates in a controlled manner and a relatively small particle size and particle size distribution is obtained, the particulate composition comprising a sufficient amount of at least one release-rate modifying substance to provide a modified release of the active substance sufficient to provide duration of therapeutic, prophylactic and/or diagnostic effect of at least about 2 hours when the composition is exposed to an aqueous environment.

## INTERNATIONAL SEARCH REPORT

International Application No PCT/DK2004/000669
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A. CLASSIFICATION OF SUBJECT MATTER			
IPC 7	A61K9/48	A61K9/20	A61K9/28
			A61K9/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/004001 A (HOLM JANNIE EGESKOV ; MOELLGAARD BIRGITTE (DK); BUUR ANDERS (DK); HOLM) 16 January 2003 (2003-01-16) cited in the application page 1, line 29 - page 27, line 34 examples 2-5 claims 1-47 ----- WO 2004/073689 A (LIFECYCLE PHARMA AS ; ELIASSEN HELLE (DK); NORLING TOMAS (DK); HOLM PER) 2 September 2004 (2004-09-02) page 3, line 32 - page 36, line 16 claims 1-32 ----- -/-	1-36, 38, 43-68
P, X		1-68

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

24 January 2005

02/02/2005

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## INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000669

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO 2004/056487 A (LIFECYCLE PHARMA AS ; NIELSEN ELO (DK); HOLM PER (DK)) 8 July 2004 (2004-07-08) page 16, line 1 - page 27, line 6 page 28, line 8 - page 35, line 32 example 2 -----	1-68

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No	
PCT/DK2004/000669	

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
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			WO 03004001 A1		16-01-2003
			EP 1406594 A1		14-04-2004
			US 2005008706 A1		13-01-2005
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WO 2004056487	A	08-07-2004	WO 2004056487 A1		08-07-2004
			EP 1497034 A1		19-01-2005